



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

June 9, 2017

D. Edward Brown, Vice President
Hampden Coal, LLC
3228 Summit Square Place, Suite 180
Lexington, KY 25601

Re: Application Status: Approved
 Hampden Coal, LLC
 Muddy Bridge Screening Facility
 Registration Application G10-D165A
 Plant ID No. 045-00150

Dear Mr. Brown:

Your application for a General Permit G10-D registration to construct a raw coal screening facility as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed registration G10-D165A is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

A copy of the complete General Permit G10-D may be obtained from the DAQ's website at the following address: <http://www.dep.wv.gov/daq/permitting/Pages/airgeneralpermit.aspx>.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

In accordance with 45CSR30 - Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board

pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions, please contact me at (304) 926-0499, ext. 1210.

Sincerely,

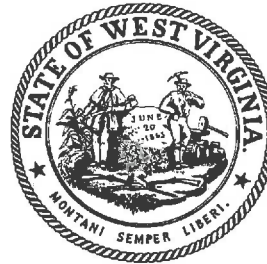


Daniel P. Roberts, Engineer Trainee
NSR Permitting Section

Enclosures

c: D. Edward Brown, ebrown@blackhawkmining.com
Zac Queen, zqueen@blackhawkmining.com
Donna Toler, donnatoler@suddenlink.net

Class II General Permit G10-D Registration to Construct



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Coal Preparation Plants and Coal Handling Operations

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G10-D.*

G10-D165A

Issued to:
Hampden Coal, LLC
Muddy Bridge Screening Facility
045-00150

A blue ink signature of William F. Durham, written in a cursive style, is positioned above a horizontal line.

William F. Durham
Director

Effective: June 9, 2017

This Class II General Permit Registration will not supersede any existing general permit registrations or permits.

However, on September 15, 2016, the DAQ received application G10-D165 for the construction of a 450 TPH and 3,492,000 TPY Muddy Bridge raw coal screening facility prepared by Heritage Technical Associates. On February 27, 2017, the DAQ received a letter from the applicant requesting to withdraw application G10-D165 in order to make revisions and resubmit it within a short amount of time. On March 1, 2017, the DAQ sent a letter acknowledging the withdrawal of application G10-D165.

On May 8, 2017, the DAQ approved General Permit registration G10-D161A for Hampden Coal, LLC to construct of another raw coal screening plant to be located on the other side of the mountain, but still on their contiguous property. This facility is called the Washington No. 2 Gas Screening Facility.

Hampden Coal, LLC's proposed Muddy Bridge raw coal screening plant (G10-D165A) and existing Washington No. 2 raw coal screening plant (G10-D161A) will meet the definition of "Building, Structure, Facility, or Installation" in 45CSR14.2.10 and "Major Source" in 45CSR30.2.26 and shall be considered as one facility for determining applicability to 45CSR14 (PSD) and 45CSR30 (Title V). Therefore, Hampden Coal, LLC's proposed Muddy Bridge raw coal screening plant (G10-D165A) and existing Washington No. 2 raw coal screening plant (G10-D161A) shall share a common facility ID No. of 045-00150 and their potential emissions shall be combined when determining applicability.

Facility Location: Davin, Logan County, West Virginia
Mailing Address: 3228 Summit Square Place, Suite 180, Lexington, KY 25601
Facility Description: Coal Preparation Plant
SIC Codes: 1222 (Bituminous Coal & Lignite - Underground)
NAICS Codes: 212112 (Bituminous Coal Underground Mining)
UTM Coordinates: Easting: 432.0782 km • Northing: 4177.6982 km • NAD83 Zone 17N
Lat/Lon Coordinates: Latitude: 37.744059 • Longitude: -81.770943 • NAD83
Registration Type: Construction
Description of Change: After-the-Fact application to construct a 600 TPH and 5,256,000 TPY raw coal screening facility consisting of one screen, six belt conveyors and two open storage piles.

Subject to 40CFR60 Subpart Y? Yes
Subject to 40CFR60 Subpart IIII? No
Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

As a result of this permit, the source is a nonmajor or area source subject to 45CSR30. Therefore, the facility is not subject to the permitting requirements of 45CSR30 and is classified as a deferred source.

All registered facilities under Class II General Permit G10-D are subject to Sections 1.0, 1.1, 2.0, 3.0 and 4.0.

The following sections of Class II General Permit G10-D apply to the registrant:

Section 5	Coal Preparation and Processing Plants and Coal Handling Operations	<input checked="" type="checkbox"/>
Section 6	Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after October 27, 1974, and on or before April 27, 2008 (40CFR60 Subpart Y)	<input type="checkbox"/>
Section 7	Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after April 28, 2008, and on or before May 27, 2009 (40CFR60 Subpart Y)	<input type="checkbox"/>
Section 8	Standards of Performance for Coal Preparation and Processing Plants that Commenced Construction, Reconstruction or Modification after May 27, 2009 (40CFR60 Subpart Y)	<input checked="" type="checkbox"/>
Section 9	Reciprocating Internal Combustion Engines (R.I.C.E.)	<input type="checkbox"/>
Section 10	Tanks	<input type="checkbox"/>
Section 11	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)	<input type="checkbox"/>
Section 12	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)	<input type="checkbox"/>

Emission Units

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Device ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Device
Raw Coal Screening Plant									
BC-01	C 2015	5 and 8	Belt Conveyor - receives raw coal from the deep mine and transfers it to BC-02	600	5,256,000	FE	B A	N/A TP-01	N/A TC-PE
BC-02	C 2015	5 and 8	Belt Conveyor - receives the raw coal from BC-01 and transfers it onto SS-01	600	5,256,000	PE	B A	TP-01 TP-02	TC-PE TC-FE
SS-01	C 2015	5 and 8	Single Deck Screen - receives raw coal from BC-02, sizes it and the <4" raw coal drops onto BC-03 while the >4" rock drops onto BC-05	600	5,256,000	FE	B A A	TP-02 TP-03 TP-07	TC-FE TC-FE TC-FE
BC-03	C 2015	5 and 8	Belt Conveyor - receives the <4" sized raw coal from SS-01 and transfers it to BC-04	600	3,504,000	PE	B A	TP-03 TP-04	TC-FE TC-PE
BC-04	C 2015	5 and 8	Belt Conveyor - receives the <4" sized raw coal from BC-03 and transfers it onto OS-01	600	3,504,000	PE	B A	TP-04 TP-05	TC-PE TC-MDH
OS-01	C 2015	5 and 8	Sized Raw Coal Open Storage Pile - maximum 10,000 tons capacity, 18,869 ft² base area and 25' height - receives <4" sized raw coal from BC-04, stores it and then a front-end loader transfers it to trucks for shipment. Management of storage pile volume will be used to minimize drop height to less than 20'.	600	3,504,000	WS	B A	TP-05 TP-06	TC-MDH LO-MDH
BC-05	C 2015	5 and 8	Belt Conveyor - receives the >4" screen reject refuse from SS-01 and transfers it to BC-06	600	1,752,000	PE	B A	TP-07 TP-08	TC-FE TC-PE
BC-06	C 2015	5 and 8	Belt Conveyor - receives the >4" screen reject refuse from BC-05 and transfers it onto OS-02	600	1,752,000	PE	B A	TP-08 TP-09	TC-PE TC-MDH

Equipment ID No.	Date of Construction, Reconstruction or Modification ¹	G10-D Applicable Sections ²	Emission Unit Description	Maximum Permitted Throughput		Control Device ³	Associated Transfer Points		
				TPH	TPY		Location: B -Before A -After	ID No.	Control Device ³
OS-02	C 2015	5 and 8	Sized Raw Coal Open Storage Pile - maximum 5,000 tons capacity, 8,869 ft ² base area and 25' height - receives >4" screen reject refuse from BC-06, stores it and then a front-end loader transfers it to trucks for shipment	600	1,752,000	WS	B A	TP-09 TP-10	TC-MDH LO-MDH

¹ In accordance with 40 CFR 60 Subpart Y, coal processing and conveying equipment, coal storage systems, and coal transfer and loading systems constructed, reconstructed, or modified after April 28, 2008 shall not discharge gases which exhibit 10 percent opacity or greater. For open storage piles constructed, reconstructed, or modified after May 27, 2009, the permittee shall prepare and operate in accordance with a fugitive coal dust emissions control plan that is appropriate for site conditions.

² All registered affected facilities under Class II General Permit G10-D are subject to Sections 1.0, 1.1, 2.0, 3.0 and 4.0.

³ Control Device Abbreviations: FE - Full Enclosure; FW - Full Enclosure with Water Sprays; PE - Partial Enclosure; PW - Partial Enclosure with Water Sprays; WS - Water Sprays; MDH - Minimize Drop Height; and NC - No Control.

Emission Limitations

- Facility-wide Emissions - Hampden Coal, LLC Muddy Bridge Screening Facility	Maximum Controlled PM Emissions		Maximum Controlled PM ₁₀ Emissions	
	lb/hour	TPY	lb/hour	TPY
Fugitive Emissions				
Open Storage Pile Emissions	0.04	0.19	0.02	0.09
Unpaved Haulroad Emissions	269.04	1,157.11	79.41	341.53
Paved Haulroad Emissions	7.53	32.62	1.45	6.29
<i>Fugitive Emissions Total</i>	<i>276.61</i>	<i>1,189.92</i>	<i>80.88</i>	<i>347.92</i>
Point Source Emissions				
Equipment Emissions	12.00	52.56	5.64	24.70
Transfer Point Emissions	3.72	9.09	1.76	4.30
<i>Point Source Emissions Total (PTE)</i>	<i>15.72</i>	<i>61.65</i>	<i>7.40</i>	<i>29.00</i>
FACILITY EMISSIONS TOTAL	292.33	1,251.57	88.28	376.92

Engines - Not Applicable

Source ID	Emission Source	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)
		Nitrogen Oxides		
		Carbon Monoxide		
		Volatile Organic Compounds		
		Particulate Matter (<10 microns)		
		Sulfur Dioxide		
		Formaldehyde		

Reciprocating Internal Combustion Engines - *Not Applicable*

Emission Unit ID No.	Emission Unit Description (Make, Model, Serial No., etc.)	Year Installed	Design Capacity (Bhp/rpm)

Reciprocating Internal Combustion Engines (R.I.C.E.) Information - *Not Applicable*

Emission Unit ID No.	Subject to 40CFR60 Subpart IIII?	Subject to 40CFR60 Subpart JJJJ?	Subject to Sections 9.1.4/9.2.1 (Catalytic Reduction Device)

Control Devices - *Not Applicable*

Control Device ID No.	Source ID No.	Date Constructed, Reconstructed, or Modified	Emission Unit Description (Make, Model, Serial No., etc.)

Storage Tanks - *Not Applicable*

Source ID No.	Status	Content	Design Capacity			Orientation	G10-D Applicable Sections
			Volume	Diameter	Throughput		